

COMMUNITY FIRE PLANNING

FOR THE WILDLAND – URBAN INTERFACE

GUIDANCE DOCUMENT / WORKBOOK

PROTECTING LIFE, PROPERTY, AND
COMMUNITY VALUES
THROUGH
COMMUNITY-BASED PLANNING



DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY, FIRE AND STATE LANDS



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INTRODUCTION

Wildfire has been a continuing challenge throughout Utah's history. There are several areas in Utah where there is an extreme danger of wildland-urban fire. In fact, any fire over 100 acres threatens some structure due to the increase in development into wildland areas. Over 400 of Utah's communities have been classified as "at risk" of wildfire. The safety of the citizens of any community is a shared responsibility between the citizens; the owner, developer or association; and the local, county, state and federal governments. **The primary responsibility, however, remains at the citizen/owner and association level.**

The following problems have increased the wildland-urban interface wildfire risk:

- Desire to live in a secluded area surrounded by natural vegetation without defensible space.
- Homes are built of flammable materials (wood siding, shakes and patios).
- Fire equipment is hampered from protecting an area because of long, narrow, winding, or steep driveways.
- Distance from fire departments.
- One ingress and egress road in subdivisions and some communities.
- Misperception that fire protection in rural areas is equal to urban fire protection services.
- Inadequate water supply.
- Poor signage and access to residences.
- No hazard planning for evacuation and no early warning systems.
- Utility service lines and propane tanks.

The purpose of community fire planning is to...

- Empower communities to organize, plan, and take action on issues impacting community safety
- Enhance levels of fire resistance and protection to the community
- Identify the risks of wildland/urban interface fires in the area
- Identify strategies to reduce the risks to homes and businesses in the community during a wildfire.

OBJECTIVES OF COMMUNITY FIRE PLANNING IN UTAH

- Facilitate organization of citizen fire councils to guide planning and coordinated action
- Improve community safety through:
 - ✓ Coordination
 - ✓ Training
 - ✓ Fire Prevention
 - ✓ Education
 - ✓ Fuel modification
 - ✓ Public Safety
- Enhance fire protection through:
 - ✓ Improved fire prevention and public education
 - ✓ Improved coordination within the community
 - ✓ Development of long-term strategies
- ★ Reduce the potential for and the consequences of wildfire.

STATEMENT OF LIABILITY

The activities suggested by this guidance document, the assessments and recommendations of fire officials, and the plans and projects outlined by the citizen fire council, are made in good faith according to information available at this time. The community wildfire committee is responsible for the actions taken under this plan. The Utah Division of Forestry, Fire and State Lands can make no guarantees regarding the level of success users of this plan will experience. Wildfire still occurs, despite efforts to prevent it or contain it; the intent of all decisions and actions made under this plan is to reduce the potential for and the consequences of wildfire.

ABOUT THIS DOCUMENT

This document provides the outline for and specifies the information recommended for inclusion in a wildfire plan. If possible, the community should create its own document using a word-processing program, following the format outlined here; however, this workbook format has been created to provide whatever assistance possible in facilitating this process.

Part I – Community Description

The community description identifies community resources that can be used to complete the goals of the plan, and a physical description of the community to guide wildfire preparation and response decisions.

Part II – Community Prescription

The community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.

Part III – Resources

This section contains a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.

Part IV – Technical Assessments

This section includes fire officials' assessments and ratings of the wildfire hazard in the community, and their recommendations for actions to mitigate hazards.

Appendix

The information to be included in the appendix is primarily determined by the community and fire officials: data, assessments, maps, contact lists, project worksheets – whatever might prove useful to the community.

RESOURCES

For resources to complete a wildfire plan for your community, consider organizations such as the following:

- | | |
|--|--|
| ✓ Local / Primary fire protection provider | ✓ County fire agencies |
| ✓ Local Resource, Conservation and Development Districts | ✓ County emergency management services |
| ✓ Utah Division of Forestry, Fire and State Lands | ✓ American Red Cross |
| ✓ Utah State Fire Marshal (Dept. of Public Safety) | ✓ USDA Forest Service |
| ✓ Utah Comprehensive Emergency Management | ✓ U.S. Department of Interior Agencies |
| ✓ Utah Living With Fire | ✓ Utah Resource Conservation Districts |
| ✓ FireWise | ✓ Utah Soil Conservation Districts |

Contact information for some of the above-listed agencies is included in the back of this document.

For information concerning the Community Fire Planning guidance document, contact the Utah Division of Forestry, Fire and State Lands, P.O. Box 145703, Salt Lake City, Utah 84114-5703. Or, e-mail JenniferGregerson@utah.gov. The Community Fire Planning guidance document is available at <http://www.nr.utah.gov/slf/fmcommunityfirepln.htm>.

Completed Community Fire Plans should be submitted to your local Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands.

ACKNOWLEDGMENTS

The Utah Division of Forestry, Fire and State Lands would like to thank Kathy Hammons and Janet Johnson of Community Solutions, Inc. for their input and work on this document. The Division also appreciates those agencies whose publications inspired the creation of this document, such as the Pennsylvania Model Prevention, Pre-suppression and Preparedness Plan, the Colorado State Forest Service Wildfire Hazard Mitigation and Response Plan, the Big Sky Fire Management Strategy, Utah's Wildland-Urban Interface Fuel Load Reduction Community Level Protection document, and others. Finally, thanks to Arthur W. DuFault, former Utah State Forester and National Fire Plan Coordinator, who initiated this endeavor for the State of Utah.

Utah Community Fire Planning

Community Fire Planning Checklist

INSTRUCTIONS

This checklist is provided to help the community track its progress in development of its community wildfire plan. The Community Wildfire Council is responsible for completing Sections I and II; fire officials are responsible for completing Section IV. Section III and the Appendix should be a joint effort between the community and fire officials.

It is requested by state fire officials that the structure of the community fire plan follow this outline; this will provide continuity among Utah's community fire plans, and facilitate information sharing in emergency situations.

Community: _____ **County:** _____

Primary Contact: _____ **Phone:** _____

Secondary Contact: _____ **Phone:** _____

Section		Completed by Printed Name / Signature	Date
I.	Community Description		
	Declaration and Concurrence	_____ / _____	_____
	Planning Committee Members List	_____ / _____	_____
	Community Legal Structure	_____ / _____	_____
	Population	_____ / _____	_____
	Values at Risk	_____ / _____	_____
	Natural Resources at Risk	_____ / _____	_____
	Commercial Entities	_____ / _____	_____
	Formal Associations	_____ / _____	_____
	Media Support	_____ / _____	_____
	Schools	_____ / _____	_____
	Transportation (Railroad, Highway)	_____ / _____	_____
	Private Emergency Service and Equipment	_____ / _____	_____
	Capabilities		
	Restricting Covenants, Ordinances	_____ / _____	_____
	Insurance Rating	_____ / _____	_____
	Physical Description		
	Access	_____ / _____	_____
	Roads	_____ / _____	_____
	Driveways	_____ / _____	_____
	Structures	_____ / _____	_____
	Bridges, Culverts, Gates	_____ / _____	_____
	Utilities	_____ / _____	_____
	Sewage System	_____ / _____	_____

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Section		Completed by Printed Name / Signature	Date
II.	Community Prescription Goals of Plan _____ / _____ Identification of Actions _____ / _____ Identification of Responsible Parties, Resources, and Priorities _____ / _____		
III.	Resources List of resources available in a community wildfire reference library. _____ / _____		
IV.	Technical Assessments A. Community Description Area _____ / _____ Topography and Vegetation _____ / _____ Infrastructure _____ / _____ Water Supply _____ / _____ Emergency Services / Equipment Capabilities _____ / _____ <i>Hazard Evaluation:</i> Area Fire History _____ / _____ Subdivision Hazard Rating _____ / _____ Property / Structure Ratings _____ / _____ Expected Fire Behavior _____ / _____ B. Community Prescription Fuel Modification Projects _____ / _____ Infrastructure Improvements _____ / _____ Education _____ / _____ Wildfire Response / Pre-Attack Plan _____ / _____ Monitoring and Evaluation _____ / _____ Evacuation Plan _____ / _____		
	Appendices Emergency contact lists _____ / _____ Technical Assessments _____ / _____ Maps (topography, escape routes, etc.) _____ / _____		

Utah Community Fire Planning

INSTRUCTIONS

Declaration and Concurrence Page

This list needs to be customized to the individual plan. Provide the names and affiliations of all fire partners. This page will then be signed after all fire partners have reviewed the plan and concur with its contents. Fire partners should include – but are not limited to – homeowners, developers, home association representatives, fire department personnel, police, emergency management, Forest Service, BLM, etc. An Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands must be included.

SAMPLE

Name / Affiliation:	<u>Richard Dixon, Developer</u>	
Signature:	<u><i>Richard Dixon</i></u>	Date: <u>03/31/02</u>

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

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Declaration and Concurrence Page, continued

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Utah Community Fire Planning

PART I

COMMUNITY DESCRIPTION

Directions: *This section is to be completed by the Community Wildfire Committee. A community description identifies community resources that can be used to complete the goals of the plan, as well as a physical description of the community that can help impact wildfire preparation and response decisions.*

INSTRUCTIONS	
1.	<p>Planning Committee Members List</p> <p>List the names, affiliations and phone numbers of the planning committee members, i.e. residents, council members, sheriff.</p>

1. Planning Committee Members List

List the names, affiliations and phone numbers of the planning committee members, i.e. residents, council members, sheriff.

[illegible]

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INSTRUCTIONS

2. Community Legal Structure

List the government entities associated with the community – city, town, unincorporated, special service district, homeowner association(s), other. Part of the purpose in this exercise is to help identify organizations through which grant funding – federal, state or other – can be channeled.

<u>Organization</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>

INSTRUCTIONS

3. Population

Provide information regarding the population of the area.

Approximate number of homes: _____

Approximate number of lots: _____

Approx. number of commercial entities: _____

Approximate number of full-time residents: _____

Approximate number of part-time residents: _____

Approx. visitor population during fire season: _____

INSTRUCTIONS

4. Estimated Values at Risk

Provide an approximation of the estimated current values of residential and commercial property in the subdivision. The County Assessor should be able to assist with this information.

The estimated values at risk of residential and commercial property in the year 20____ are approximately

\$_____.

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INSTRUCTIONS

5. Natural Resources at Risk

Describe the natural resources at risk in the subdivision and surrounding area, such as watershed, forest products, wildlife, recreation tourism, etc.

INSTRUCTIONS

6. Commercial Entities

List contact information for commercial entities in the area (not just in the subdivision).

<u>Organization</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>	<u>Address</u>

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INSTRUCTIONS

7. Formal Associations

List contact information for civic groups, churches, volunteer organizations, senior citizen groups, youth groups, etc.

<u>Organization</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>

INSTRUCTIONS

8. Media Support

List contact information for local media, such as newspapers, newsletters, television, radio, websites, etc.

<u>Organization</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>

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INSTRUCTIONS

9. Schools

List contact information for all public and private schools in the community.

<u>School</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>	<u>Address</u>

INSTRUCTIONS

10. Transportation

List contact information for any railroad, highway, or other public transportation routes or means in the community.

<u>Organization</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>

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INSTRUCTIONS

11. Private Emergency Services and Equipment

List privately owned equipment and services available for wildfire response (such as tow trucks, bulldozers, etc.), with contact information. If such services or equipment are already contracted under the County Mobilization Plan, they should not be listed here.

<u>Type of Equipment</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>E-mail</u>	<u>Address</u>

INSTRUCTIONS

12. Restricting Covenants, Ordinances, etc.

Describe any pertinent restricting covenants, ordinances, etc. concerning wildfire in the community. For example, home association bylaws may have requirements regarding building construction materials or vegetation removal, or regarding access in a gated community.

<u>Source</u>	<u>Details</u>

INSTRUCTIONS

13. Insurance Rating

Provide the current insurance rating for the community. (The community's primary fire protection provider should be able to assist with this information.)

Fire Insurance Rating: _____

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INSTRUCTIONS

14. PHYSICAL DESCRIPTION

While completing the following assessments of the community, consider the height, width, weight, and turnaround needs of emergency equipment. Exact clearance requirements may vary by community.

Road clearance height	$\geq 13'6''$	Dead end street turnaround	$\geq 100'$ diameter
Road clearance width	$\geq 20'$	Bridge/culvert weight limit	≥ 20 tons per axle
Driveway clearance height	$\geq 13'6''$	Driveway turnarounds*	$\geq 30'$ (inside turning radii), 45' (outside)
Driveway clearance width	$\geq 12'$	Driveway turnouts**	$\geq 10'$ wide and 30' long
		* for driveways in excess of 150' in length	
		** for driveways in excess of 200' in length and less than 20' in width	

INSTRUCTIONS

A. Access

Provide detailed information regarding access to the community, including all-weather and seasonal access.

i. Directions to community:

ii. All-weather access:

iii. Seasonal access:

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INSTRUCTIONS

B. Roads

Provide information regarding the condition and types of roads in the community. Percentages are ideal, but general estimations are sufficient.

- i. (No / few / some / most / all) road signs are present.
- ii. _____% are pavement; _____% are gravel; _____% are dirt
- iii. (Most / All) will support [#] _____ of traffic.
- iv. (None / Some / All) are loop roads.
- v. (None / Some / All) are dead-end roads. Of these, (most / all) have (adequate / inadequate) turnaround space available at the end of the road for emergency equipment (based on turning radius listed in front of this section.)

INSTRUCTIONS

C. Driveways

Provide a general assessment of the driveways in the community, in regard to emergency equipment (based on height and width information listed in front of this section) and emergency response.

- i. Most driveways width and height clearance, road grades and vegetation appearance are (adequate / inadequate) for emergency equipment.
- ii. (No / few / many / most / all) individual homeowners have posted their name and address.

INSTRUCTIONS

D. Structures

Assess the community in regard to building structures and wildfire hazard – construction materials, visibility, etc. Percentages are ideal, but general estimations are sufficient.

- i. (None / few / some / many / most / all) are of wood-frame construction.
- ii. (None / few / some / many / most / all) have wood decks or porches.
- iii. (None / few / some / many / most / all) have wood shake or shingle roofs.
- iv. (None / few / some / many / most / all) are visible from the main subdivision road.

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INSTRUCTIONS

E. Bridges, Gates, Culverts, other

Assess the community's infrastructure for potential obstacles to emergency response. Consider weight, height, and width information of emergency vehicles as listed in front of this section.

- i. (No / Some / All) bridges support emergency equipment.
- ii. (No / Some / All) gates provide easy access to emergency equipment.
- iii. (No / Some / All) culverts are easily crossed by emergency equipment.

INSTRUCTIONS

F. Utilities

Assess and provide information on the utilities serving the community, in regard to wildfire hazard and emergency response capabilities.

- i. Telephone service is (below / above) ground.

Provided by: _____ Telephone number: _____

- ii. Electrical service is (below / above) ground.

Provided by: _____ Telephone number: _____

- iii. Are there homes/structures utilizing propane? Yes / No

If yes: _____% of those propane tanks are above ground

If some are above ground: _____% are marked with a flag or by other highly visible means

List locations of those propane tanks above ground:

- iv. Are there homes/structures utilizing natural gas? Yes / No

- v. Primary water sources

Approximately _____% of homes use central water system.

Approximately _____% of homes use individual wells.

Approximately _____% of homes have additional private water source.

Water provided by: _____ Telephone number: _____

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PART II: COMMUNITY PRESCRIPTION

Directions: *This section is to be completed by the Community Wildfire Committee. A community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.*

INSTRUCTIONS

1. Goals of Plan

Provide a brief statement of the goals of the Community Wildfire Plan. **Each plan must address the following: Fuel Reduction, Facilities and Equipment, Education, Emergency Response Plan (including comprehensive plans for shelter-in-place and evacuation), Regulative Issues, and Evaluation and Maintenance.**

SAMPLE

I. GOALS/PURPOSE OF PLAN

- A. Community will decrease fuels to reduce wildfire intensity and impact in and around the community.
- B. Community will evaluate, upgrade and maintain community wildfire preparation and response facilities and equipment.
- C. Community will help educate community members to prepare for and respond to wildfire.
- D. Community will develop and implement a comprehensive emergency response plan.
- E. Community will actively address identified regulative issues impacting community wildfire prevention and response needs.
- F. Community will regularly evaluate, update and maintain planning commitments.

<u>Component</u>	<u>Goals</u>
Fuel Reduction	
Facilities & Equipment	
Education	
Emergency Response Plan	
Regulative Issues	
Evaluate / Update / Maintain	

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INSTRUCTIONS

2. Identification of Actions

Describe projects that need to be done to complete the goals of the plan, and to perform annual and periodic maintenance of the plan.

SAMPLE

Goal A: Community will decrease fuels to reduce wildfire impact in and around the community.

ACTION 1: The Fire Committee will implement fuel modification projects.

- Education campaign: Information meetings, brochures, individual assessment of property by fire expert, video tape check out, demonstration areas
- Group purchases of services, i.e. hauling, cutting, chipping, roofing
- School & Youth community service projects
- Fuel break
- Service Organization clean-up projects
- Community roadside cutting, spraying, reseeding project

ACTION 2: The Fire Committee will work with state/federal fire officials to develop and implement a perimeter fuel break plan.

Goal:

Action(s):

Goal:

Action(s):

Goal:

Action(s):

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Identification of Actions, continued:

(Copy page as needed)

Goal:

Action(s):

Goal:

Action(s):

Goal:

Action(s):

Goal:

Action(s):

Goal:

Action(s):

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INSTRUCTIONS

3. Identification of Responsible Parties, Resources and Priorities

Outline how the actions described in Item 2 will be accomplished, by listing responsible parties (person who is responsible for each action), resources (assets needed to complete actions), and priorities (designating of each action as high, medium or low priority).

SAMPLE

Goal	Action	Resources	Responsible Party	Priority
1. Fuel Reduction	<p>1. The Fire Committee will implement fuel modification projects.</p> <p>Education Campaign</p> <ul style="list-style-type: none"> • Brochures • Video tapes • Demo areas • Meetings • Property assessment by fire professional <p>School & Youth community service events</p> <p>Fuel break volunteer time & equipment</p> <p>Service Organization clean-up events</p> <p>Community roadside cutting, spraying, reseeding projects</p>	<ul style="list-style-type: none"> • www.Firewise.org • Forestry, Fire & State Lands Fire Mgmt Officer • Bureau of Land Mgmt • National Forest Service • Utah Living With Fire • County Fire Marshal • Local Fire Department • Civic Organizations 	Fuel Reduction Sub-committee Chairperson	High
	<p>2. Community will work with state/federal fire officials to develop and implement a perimeter fuel break plan.</p>	<ul style="list-style-type: none"> • Forestry, Fire & State Lands Fire Mgmt Officer • County Fire Marshal • Local Fire Department • Civic Organizations • Land owners • Commercial entities 	Fuel Reduction Sub-committee Chairperson	Medium

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Identification of Responsible Parties, Resources and Priorities

(Copy page as needed)

<u>Goal</u>	<u>Action</u>	<u>Resources</u>	<u>Responsible Party</u>	<u>Priority</u>

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PART III: RESOURCES

Directions: *This section is to be completed through joint effort between the Community Wildfire Committee and fire officials. This section will contain a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.*

INSTRUCTIONS

List of Resources

List wildfire preparation and response resources to be retained in a community wildfire reference library, such as brochures, leaflets, books, magazines, videos, charts, etc.

SAMPLE

Informational Materials

General Fire Prevention

- “Are You Living in the Red?” pamphlet (Utah Fire Assessment Project: Bureau of Land Management et.al.)
- “How to Protect Your Home: It Could Happen to You” (USDA Forest Service)
- “How to Reduce Wildfire Risk” Tree City USA Bulletin (The National Arbor Day Foundation)
- “Living With Fire” video and pamphlet (Utah Living With Fire)
- “Protect Your Hide-away Home” pamphlet (Utah Department of Natural Resources)
- “Protecting Residences from Wildfire” (USDA Forest Service)
- “Protecting Your Home Against Wildfire” video (National Wildfire Coordinating Group)

Landscaping/Building

- “Firewise Plants for Utah Landscapes” Utah Forest Facts newsletter (Utah State University Extension)
- “How to Landscape for Safer Hillside Living” pamphlet (Los Angeles City Fire Department)

Community Planning

- “Community Involvement in Fire Prevention” (Fire Management Notes Vol. 42)
- “Community Planning: An Introduction to the Comprehensive Plan” (Kelly, Becker; Island Press)
- “County Land Use Planning: How Can Planners Help the Fire Services in Protecting Homes from Wildfire” (USDA Forest Service, General Technical Report INT 251)
- “Development Strategies in the Wildland/Urban Interface” (Western Fire Chiefs Association)
- “The Greenbelt Concept: Safeguarding Your Community with Planning Buffer Zones” (American Fire Journal)

Evacuation Planning

- “Fire Alert, Warning and Evacuation” guidance document (Utah Div. of Emergency Services & Homeland Security)

Websites

- FireWise Home Page -- <http://www.firewise.org>
- Forest Service Fire Management Website -- <http://www.fs.fed.us/r3/sfe/fire/index.html>
- Insurance Services Office (town fire ratings) -- <http://www.isomitigation.com/>
- National Fire Protection Association -- <http://www.nfpa.org>
- National Interagency Fire Ctr, Wildland Fire Prevention/Education – <http://www.nifc.gov/preved/rams.html>
- U.S. Department of Agriculture “How to Get Information” (contacts) – <http://www.usda.gov/news/howto/nre.htm>
- Utah BLM Fire Management Website – <http://www.ut.blm.gov/fire/Assessment/assessment.html>
- Utah Twenty-First Century Communities Program - <http://utahreach.usu.edu/comm21/index.htm>

Resources

Informational Materials:

Websites:

FireWise Home Page -- <http://www.firewise.org>
Forest Service Fire Management Website -- <http://www.fs.fed.us/r3/sfe/fire/index.html>
Insurance Services Office (town fire ratings) -- <http://www.isomitigation.com/>
National Fire Protection Association -- <http://www.nfpa.org>
National Interagency Fire Ctr, Wildland Fire Prevention/Education – <http://www.nifc.gov/preved/rams.html>
U.S. Department of Agriculture “How to Get Information” (contacts) – <http://www.usda.gov/news/howto/nre.htm>
Utah BLM Fire Management Website – <http://www.ut.blm.gov/fire/Assessment/assessment.html>
Utah Twenty-First Century Communities Program - <http://www.dced.state.ut.us/21century/index.htm>

**PART IV:
TECHNICAL ASSESSMENTS**

Directions: *This section is to be completed by fire officials. Include any technical data and information which will support or supplement the information provided by the Community in Parts I and II. Specific information is requested in order to provide consistency among fire plans within the state.*

INSTRUCTIONS

A. Community Description

Fire officials are to provide detailed assessments and information regarding this community. Documentation from assessments, ratings, surveys, etc. should be included in the Appendix, along with maps.

1. Physical Description

a. Area

Legal description:

USGS Map Quadrangle (optional):

VOR RAD distance (optional):

b. Topography and Vegetation

Slope

Average _____% Range _____% to _____%

Aspect (predominate) (Cardinal direction)

Describe the vegetation in the area:

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c. Water Supply

Ponds / Creeks / other natural water sources:

<u>Type: Pond / Creek</u>	<u>Location / GPS Coordinates</u>	<u>Status: Permanent / Intermittent</u>	<u>Helicopter Access?</u>	<u>Pump Required?</u>	<u># Gallons or CFS*</u>

** Ponds: measure 1000's of gallons; Creeks: measure in cfs during fire season*

Hydrants:

<u>Location</u>	<u>Type: Dry / Pressurize</u>	<u>Data: *TP&S</u>	<u>GPM (max.) Output</u>	<u>Comments</u>

** Thread Pressure and Size*

Water Tanks / Other available water storage: (underground cisterns, swimming pools, etc.)

<u>Location</u>	<u>Access</u>	<u># of gallons*</u>	<u>Responsible Entity</u>	<u>Phone / E-mail</u>

** measure 1000's of gallons*

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d. Emergency Services / Equipment Capabilities

Describe the types of emergency services and equipment available from local, county, state and federal resources.

911 Services:	
Local:	
County:	
State:	
Federal:	

2. Hazard Evaluation

a. Area Fire History

<u>Month/Year of fire</u>	<u>Ignition point</u>	<u>Ignition source</u>	<u>Acres burned</u>

b. Subdivision rating

The subdivision is rated (low / moderate / high / severe / extreme) for wildfire hazard.

(Documentation for this rating should be included in the Appendix.)

c. Property / Structure Rating

All lots will be rated for wildfire hazard, as arranged by the Fire Council with fire officials and as permitted by the owners. The estimated time of completion for all ratings is _____.

Documentation of individual property ratings should be included in the Appendix.

d. Expected Fire Behavior

Describe expected fire behavior. Detailed documentation should be included in the Appendix.

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INSTRUCTIONS

B. Community Prescription

Based on the information collected, provide recommendations for action under each of the following categories. Fuel modification project plans should include recommendations for ongoing maintenance. **Attach project worksheets for each project, and similar documentation for other goals.**

1. Fuel Modification Projects

<u>Project(s)</u> (briefly identify)	<u>Timeframe</u>	<u>Person in Charge</u>

2. Infrastructure Improvements (Utilities, Water Developments, Equipment Acquisition / Repair, etc.)

<u>Project(s)</u> (briefly identify)	<u>Timeframe</u>	<u>Person in Charge</u>

3. Education

<u>Goal(s)</u> (briefly identify)	<u>Timeframe</u>	<u>Person in Charge</u>

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4. Wildfire Response / Pre-Attack Plan

A Pre-Attack Plan should be in place, with a detailed description attached. It should address the following:

Emergency notification procedures
 Fire protection responsibilities among agencies
 (private, state, federal lands; response times)
 Command responsibilities
 Pre-determined locations for...
 Command Post
 Staging Areas
 Safety Zones
 Helibase / Helispots

Factors in determining evacuation vs. shelter-in-place
 Traffic Control
 Briefing of personnel on safety and hazards
 Determining Operational Mode
 Determining resource needs
 (aircraft, mechanized, hand crews, water /
 chemical delivery systems)
 Determining assignments
 (reconnaissance, medical suppression, rehab)

<u>Goal(s)</u> (briefly identify)	<u>Timeframe</u>	<u>Person in Charge</u>

5. Monitoring and Evaluation

<u>Goal(s)</u> (briefly identify)	<u>Timeframe</u>	<u>Person in Charge</u>

APPENDIX

INSTRUCTIONS

This section is to be filled as needed by both the Community Wildfire Council and fire officials. Items can include, but are not limited to:

- Contact Lists
- Assessment Project Worksheets
- Maps
- Homeowner Checklists
- Examples / Sample documents
- Glossary

SAMPLE

Appendix A – Contact Lists

Utah Division of Forestry, Fire and State Lands
USDA Forest Service Districts
Emergency Call-Down List
Forest Products Directory

Appendix B - Maps

Topography
Boundaries
Vegetation/Fuel Types (Hazard area)
Escape routes
Safety zones

Appendix C – Assessments / Worksheets

Defensible Space Assessment Worksheets
Wildfire Hazard Rating Form
Wildland Urban Interface Project Sheet (funding)

Appendix D – Checklists / Homeowner Information

Fire Disaster Potential Checklist for Homeowners
Fire Disaster Potential Checklist for Developers
Landscaping and Defensible Space Checklist
Construction Checklist
Fire Resistant Plants
Emergency Response checklist
Zoning recommendations checklist

Appendix E – Other

Wildfire Glossary
Sample County Fire Ordinances

Utah Community Fire Planning

Appendices

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AGENCY CONTACT INFORMATION

(as of March, 2002)

**Utah Department of Natural Resources
Division of Forestry, Fire and State Lands**

Bear River Area Office

Craig Pettigrew, Area Manager

1780 N. Research Parkway, Ste 104
N. Logan, UT 84341-1940
(435) 752-8701

Wasatch Front Area Office

*Dick Buehler, Area Manager
Barbara Gardner, Area Forester*

1594 W. North Temple, Ste 3520
Salt Lake City, UT 84116
(801) 538-5555

Southwestern Area Office

*Ron Larsen, Area Manager
Larry LeForte, FMO*

585 North Main
Cedar City, UT 84720-2643
(435) 586-4408

Northeastern Area Office

*Dale Jablonski, Area Manager
Stephen Rutter, FMO**

152 East 100 North
Vernal, UT 84078-2126
(435) 781-5463

Central Area Office

*Kelly Allen, Area Manager
Mike Melton, FMO*

115 East 900 North
Richfield, UT 84701-1847
(435) 896-5697

Southeastern Area Office

*Gary Cornell, Area Manager
Heather O'Hanlon, Interface
Project Coordinator*

1165 S. Highway 191, Suite 6
Moab, UT 84532-3002
(435) 259-3766

* FMO = Fire Management Officer

Utah Resource & Development Councils

Bear River RC&D

1860 N. 100 East
No. Logan, UT 84341
(435) 753-3871

Color Country RC&D

2460 W. Highway 56 #5
Cedar City, UT 84720
(435) 586-7449

Panoramaland RC&D

3490 N. 600 E.
Richfield, UT 84701
(435) 896-8965 ext. 42

Castlelands RC&D

P.O. Box 1287
Huntington, UT 84528
(435) 687-2985

Dinosaurland RC&D

240 W. Highway 40
Roosevelt, UT 84066
(435) 722-0884

Bonneville RC&D

5370 S. 1030 W.
Murray, UT 84123
(801) 262-6838

Mountainlands RC&D

2210 S. Hwy 40, Suite B
Heber City, UT 84032-3527

Utah Community Fire Planning

Utah Associations of Government (AOG)

Bear River AOG

170 N. Main
Logan, UT 84321
(435) 752-7242

Mountainland AOG

586 East 800 North
Orem, UT 84097-4146
(801) 229-3800

Southeastern AOG

375 S. Carbon Ave., Box 1106
Price, UT 84501
(435) 637-5444

Five County AOG

906 N. 1400 W., Box 1550
St. George, UT 84770
(435) 673-3548

Six-County AOG

250 North Main
Richfield, UT 84701
(435) 896-9222

Uintah Basin AOG

855 E. 200 N. (112-3)
Roosevelt, UT 84066
(435) 722-4518

Other Planning / Training Resources

Community Solutions, Inc.

Kathy Hammons, Janet Johnson
386 East 600 North
Midway, UT 84049
(435) 657-0668

Utah Rural Development Council

351 W. Center Street, Admin 304D
Cedar City, UT 84720
(435) 586-7852

Wasatch Front Regional Council

420 W. 1500 S., Ste 200
Bountiful, UT 84010
(801) 292-4469

American Red Cross

Cache County Chapter

1115 North 200 East, Ste 140
Logan, UT 84341
(435) 752-1125

Greater Salt Lake Area Chapter

465 South 400 East, Box 3836
Salt Lake City, UT 84110-3836
(801) 323-7000

Southern Nevada Chapter

3672 N. Rancho Drive
Las Vegas, NV 89130
(702) 791-3311

Ogden Chapter

2955 Harrison Boulevard
Ogden, UT 84403
(801) 627-0000

Mountain Valley Chapter

865 North Freedom Blvd.
Provo, UT 84604-3315
(801) 373-8580

Western Colorado Chapter

506 Gunnison Avenue
Grand Junction, CO 81501
(970) 242-4851

Emergency Management / Fire Agencies

Federal Emergency Mgmt Agency

Denver Federal Center
Building 710, Box 25267
Denver, CO 80225-0267
(303) 235-4800

Utah Comprehensive Emergency Management

Rm. 1110, State Office Bldg.
Salt Lake City, UT 84114
(801) 538-3400

Utah State Fire Marshal

5272 S. College Dr., Ste 302
Murray, UT 84123-2611
(801) 284-6350

Utah Community Fire Planning

State of Utah County Emergency Management Coordinators

Beaver County
Deputy Brian Lacy
(435) 438-6449
quackerjack11@hotmail.com

Box Elder County
Denton Beecher
(435) 734-3357
sbosgieter@boxeldercounty.org

Cache County
Capt. Bob DeGasser
(435) 750-7406
bdegasser@cache.state.ut.us

Carbon County
Dennis Dooley
(435) 636-3290
slehman@co.carbon.ut.us

Daggett County
Shirley Slaugh
(435) 784-3389
wslaugh@union-tel.com

Davis County
Sgt. Brian Law
(801) 451-4129
brianlaw@co.davis.ut.us

Duchesne County
Georg Adams
(435) 738-1181
georg@hotmail.com

Emery County
Deputy Martin Wilson
(435) 381-2404
martin@ecso.com

Garfield County
Ms. Chris Hatch
(435) 676-2678
gcso@color-country.net

Grand County
Doug Squire
(435) 259-1363
dsquire@grand.state.ut.us

Iron County
Vern Grimshaw
(435) 586-3061
icelpc@accesswest.com

Juab County
Gary Corbin
(435) 623-1762
(currently no e-mail)

Millard County
Lt. Forrest Roper
(435) 743-5302
froper@millard.state.ut.us

Morgan County
Terry Turner
(801) 845-4048
turner@wfol.net

Piute County
Sheriff Marty Gleave
(435) 577-2893
delta1@hotmail.com

Rich County
Dan Ames
(435) 793-2285
lazya@cut.net

Salt Lake County
Bob Halloran, Bureau Chief
(801) 743-7102
bhalloran@co.slc.ut.us

San Juan County
Rick Bailey
(435) 587-3225
sanjuan.rbailey@state.ut.us

Sanpete County
Kevin Holman
(435) 835-2191
holmank@sanpeteso.org

Summit County
Merlin Rudd
(435) 655-0133
mrudd@hotmail.com

Tooele County
Kari Sagers
(435) 843-3260
kari@tciem.org

Uintah County
Dale Peterson
(435) 789-1911
countylepcs@hotmail.com

Utah County
Dave Bennett
(801) 343-4132
ucso.daveb@state.ut.us

Wasatch County
Kent Berg
(435) 654-1661
kberg@co.wasatch.ut.us

Washington County
Mr. Dean Cox
(435) 673-4824
deanc@washco.state.ut.us

Wayne County
Vicky Bower
(435) 425-3100
vtaft@wco.state.ut.us

Weber County
Lance Peterson
(801) 778-6682
lpeterson@co.weber.ut.us

Utah Soil Conservation Districts

Alpine Soil Conservation District
1350 W. Anderson Lane
Lindon, UT 84042
(801) 785-2884

Beaver Soil Conservation District
P.O. Box 746
Beaver, UT 84713
(435) 438-2326

Blacksmith Fork Soil Cons. District
1835 West 3200 South
Logan, UT 84321
(435) 752-7573

Canyonlands Soil Cons. District
P.O. Box 243
Escalante, UT 84726
(435) 826-4252

Daggett Soil Conservation District
Box 267
McKinnon, WY 82938
(435) 784-3113

Davis Soil Conservation District
1649 West 700 South
Syracuse, UT 84075
(801) 825-1772

Delta Soil Conservation District
4161 West 2100 North
Delta, UT 84624
(435) 846-3379

Dixie Soil Conservation District
322 West 1300 South
Hurricane, UT 84737
(435) 635-2992

Duchesne Soil Cons. District
Box 832
Duchesne, UT 84021
(435) 738-5710

E & I Soil Conservation District
P.O. Box 2557
Cedar City, UT 84720
(435) 586-4063

Fremont River Soil Cons. District
Box 1513
Lyman, UT 84749
(435) 836-2772

Grand Soil Conservation District
2941 E. Bench Road
Moab, UT 84532
(435) 259-6235

Grantsville Soil Conservation District
358 E. Church Road
Erda, UT 84074
(435) 882-0465

Green River Soil Cons. District
P.O. Box 153
Green River, UT 84525
(435) 564-8142

Juab Soil Conservation District
290 East 300 North
Mona, UT 84645
(435) 623-1048

Kamas Valley Soil Cons. District
472 East 3600 North
Kamas, UT 84036
(435) 783-4714

Kane County Soil Cons. District
165 West Kanab Creek Drive
Kanab, UT 84741
(435) 644-2774

Millard Soil Conservation District
Box 159
Holden, UT 84636
(435) 795-2618

Morgan Soil Conservation District
1360 West Island Road
Morgan, UT 84050
(801) 829-6327

North Cache Soil Cons. District
20 East 1600 South
Lewiston, UT 84320
(435) 258-2828

Northern Utah Soil Cons. District
P.O. Box 175
Tremonton, UT 84337
(435) 257-7201

Piute County Soil Cons. District
RFD
Antimony, UT 84712
(435) 624-3247

Price River Soil Cons. District
6495 South 3000 East
Price, UT 84501
(435) 637-3474

Rich Soil Conservation District
P.O. Box 67
Laketown, UT 84038
(435) 946-3221

Salt Lake Soil Cons. District
1275 West 6850 South
West Jordan, UT 84084
(801) 262-4735

San Juan Soil Cons. District
P.O. Box 219
Monticello, UT 84535
(435) 587-2724

San Rafael Soil Cons. District
Box 263
Ferron, UT 84523
(435) 384-2397

Sanpete Soil Conservation District
P.O. Box 3056
Chester, UT 84623
(435) 436-8698

Sevier County Soil Cons. District
245 North 500 West
Richfield, UT 84701
(435) 896-5883

Shambip Soil Conservation District
90 South West Park
Rush Valley, UT 84069
(435) 837-2244

Summit County Soil Cons. District
1430 East Chalk Creek
Coalville, UT 84017
(435) 335-2204

Timp-Nebo Soil Cons. District
4083 West 12680 South
Payson, UT 84651
(801) 465-2777

Twin M Soil Conservation District
Box 942
Milford, UT 84751
(435) 387-2690

Uintah Soil Conservation District
Box 760036
Tridell, UT 84076
(435) 247-2527

Upper Sevier Soil Cons. District
160 S. Main, P.O. Box 128
Panguitch, UT 84759
(435) 676-2686

Wasatch Soil Conservation District
2787 East 2400 South
Heber City, UT 84032
(435) 654-1486

Weber Soil Conservation District
2910 West 2550 South
West Haven, UT 84401
(801) 731-0546

West Box Elder Soil Cons. District
HC 72 Box 2324
Malta, ID 83342
(435) 827-5724

Utah Community Fire Planning

Utah Department of Natural Resources

Divisions other than Forestry, Fire and State Lands

Division of Wildlife Resources

1594 W. North Temple
Salt Lake City, UT 84116
(801) 538-4700

Regional Office – Ogden
(801) 476-2740

Regional Office – Vernal
(435) 789-3103

Regional Office – Springville
(801) 489-5678

Regional Office – Price
(435) 636-0263

Regional Office – Cedar City
(435) 865-6103

Division of Oil, Gas & Mining

1594 W. No. Temple, Ste 1210
Salt Lake City, UT 84116
(801) 538-5340

Division of Water Rights

1594 W. No. Temple, Ste 220
Salt Lake City, UT 84116
(801) 538-7240

Regional Office – Logan
(435) 752-8755

Regional Office – Vernal
(435) 781-5327

Regional Office – Price
(435) 637-1303

Regional Office – Richfield
(435) 896-4429

Regional Office – Cedar City
(435) 586-4231

Division of Water Resources

1594 W. No. Temple, Ste 310
Salt Lake City, UT 84116
(801) 538-7230

Division of Parks & Recreation

1594 W. No. Temple, Ste 116
Salt Lake City, UT 84116
(801) 538-7220

Northeast Region
(435) 649-9109

Northwest Region
(801) 533-4229

Southeast Region
(435) 259-3755

Southwest Region
(435) 586-2789

*For information on State Parks:
<http://www.stateparks.utah.gov>*

Utah Geological Survey

1594 W. No. Temple, Ste 3110
Salt Lake City, UT 84116
(801) 538-3300

U.S. Department of Agriculture Forest Service – Utah Offices

Intermountain Regional Office

Federal Building
324 25th Street
Ogden, UT 84401
(801) 625-5306

Ashley National Forest

355 North Vernal Avenue
Vernal, UT 84078
(435) 789-1181

Dixie National Forest

1789 N. Wedgwood Lane
Cedar City, UT 84720
(435) 865-3700

Fishlake National Forest

115 East 900 North
Richfield, UT 84701
(435) 896-9233

Manti-LaSal National Forest

599 West Price River Drive
Price, UT 84501
(435) 637-2817

Uinta National Forest

88 West 100 North
Provo, UT 84601
(801) 342-5780

**Wasatch-Cache
National Forest**

8236 Federal Building
125 South State Street
Salt Lake City, UT 84138
(801) 524-3900

Utah Community Fire Planning

U.S. Department of Interior Bureau of Indian Affairs ~ Utah Offices

PHOENIX AREA OFFICE
for Arizona, Nevada, Utah
P.O. Box 10
Phoenix, AZ 85001
(602) 379-6600

Southern Paiute Field Station
P.O. Box 720
St. George, UT 84711
(435) 674-9720

Uintah & Ouray Agency
P.O. Box 130
Fort Duchesne, UT 84026
(435) 722-2406

Tribes

Skull Valley Goshute Reservation
P.O. Box 150
Grantsville, UT 84029
(801) 363-7726

**Paiute Indian Tribe
Of Utah Tribal Council**
600 North 100 East Paiute Drive
Cedar City, UT 84720
(435) 586-1112

**Uintah & Ouray Tribal
Business Committee**
P.O. Box 190
Fort Duchesne, UT 84026
(435) 722-5141

Goshute Business Council
P.O. Box 6104
Ibapah, UT 84034
(435) 234-1136

U.S. Department of Interior Bureau of Land Management ~ Utah Offices

Salt Lake Field Office
2370 South 2300 West
Salt Lake City, Utah 84119
(801) 977-4300

Price Field Office
125 South 600 West
Price, Utah 84501
(435) 636-3600

Kanab Field Office
318 North First East
Kanab, Utah 84741
(435) 644-4600

Vernal Field Office
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

Moab Field Office
82 East Dogwood
Moab, Utah 84532
(435) 259-2100

Monticello Field Office
435 North Main, P.O. Box 7
Monticello, Utah 84535
(435) 587-1500

Fillmore Field Office
35 East 500 North
Fillmore, Utah 84631
(435) 743-3100

Cedar City Field Office
176 East D.L. Sargent Drive
Cedar City, Utah 84720
(435) 586-2401

**Grand Staircase-Escalante
National Monument**
190 E. Center
Kanab, UT 84741
(435) 644-4300

Richfield Field Office
150 East 900 North
Richfield, Utah 84701
(435) 896-1500

St. George Field Office
345 East Riverside Drive
St. George, Utah 84720
(435) 688-3200

Utah Community Fire Planning

U.S. Department of Interior Fish and Wildlife Services ~ Utah Offices

Ecological Services Field Office
2369 West Orton Circle
West Valley City, UT 84119
(801) 975-3330

Fish Springs Natl. Wildlife Refuge
Highway 36, Pony Express Trail
Ibapah, UT 84034
(435) 831-5353

Colorado River Fishery Project
1380 South 2350 West
Vernal, UT 84078-2042
(435) 789-4078

Senior Resident Agent – Ogden
P.O. Box 2369
Ogden, UT 84402
(801) 625-5570

**Colo. River Wildlife Mgmt Refuge,
Ouray Natl. Wildlife Refuge**
19001 East Wildlife Refuge Road
Randlett, UT 84063-2042
(435) 545-2522

**Fish & Wildlife Service
Management Assistance Office**
1380 South 2350 West
Vernal, UT 84078-2042
(435) 789-0354

U.S. Department of Interior National Park Service ~ Utah Offices

Arches National Park
P.O. Box 907
Moab, UT 84532-0907
(435) 719-2100 (Headquarters)

Cedar Breaks Natl. Monument
2390 W. Highway 56, Suite 11
Cedar City, UT 84720-4151
(435) 586-9451 (Visitor Info)

Natural Bridges Natl. Monument
HC 60 Box 1
Lake Powell, UT 84533-0101
(435) 719-2100 (Headquarters)

Bryce Canyon National Park
P.O. Box 170001
Bryce Canyon, UT 84717-0001
(435) 834-5322 (Headquarters)

Glen Canyon Natl. Recreation Area
P.O. Box 1507
Page, AZ 86040-1507
(928) 608-6200 (Headquarters)

Pony Express Natl. Historic Trail
Long Distance Trails Office
325 South State St., Ste 324
Salt Lake City, UT 84145-0155
(801) 539-4093 (Headquarters)

California Natl. Historic Trail
324 S. State Street, Suite 250
P.O. Box 45155
Salt Lake City, UT 84145-0155
(801) 539-4095 (Headquarters)

Golden Spike National Historic Site
P.O. Box 897
Brigham City, UT 84302-0897
(435) 471-2209 (Visitor Info)

Rainbow Bridge Natl. Monument
PO Box 1507
Page, AZ 86040-1507
(520) 608-6200 (Headquarters)

Canyonlands National Park
2282 S. West Resource Blvd.
Moab, UT 84532-3298
(435) 719-2100 (Headquarters)

Hovenweep National Monument
McElmo Route
Cortez, CO 81321
(435) 719-2100 (Headquarters)

Timpanogos Cave Natl. Monument
R.R. 3, Box 200
American Fork, UT 84003-9803
(801) 756-5239 (Headquarters)

Capitol Reef National Park
HC 70 Box 15
Torrey, UT 84775-9602
(435) 425-3791 (Visitor Info)

Mormon Pioneer Natl. Historic Trail
Long Distance Trails Office
324 South State, Suite 250
Salt Lake City, UT 84145-0155
(801) 539-4095 (Headquarters)

Zion National Park
SR 9
Springdale, UT 84767-1099
(435) 772-3256